

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
एकल और कुल स्टेरोल की मात्रा का निर्धारण –
गैस क्रोमैटोग्राफिक विधि – पशु और वनस्पति वसा और तेल

Draft Indian Standard

**DETERMINATION OF INDIVIDUAL AND TOTAL STEROLS CONTENTS —
GAS CHROMATOGRAPHIC METHOD —
ANIMAL AND VEGETABLE FATS AND OILS
(Adoption of ISO 12228-1: 2014)
ICS 67.200.10**

Oils and Oilseeds Sectional Committee, FAD 13

Last Date of Comments
31 July 2023

NATIONAL FOREWORD

(Adoption clause would be added later)

This Indian standard is identical with ISO 12228-1:2014 ‘Determination of individual and total sterols contents— Gas chromatographic method Part 1: Animal and vegetable fats and oils’ issued by the International Organization for Standardization (ISO).

ISO 12228 ‘Determination of individual and total sterols contents — Gas chromatographic method’ is published in 2 parts. ISO 12228-2:2014 specifies a procedure for the gas chromatographic determination of the contents and composition of sterols and triterpene dialcohols in olive and olive pomace oils.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated.

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 661 Animal and vegetable fats and oils — Preparation of test sample	IS 17563 : 2021/ISO 661 : 2003 Animal and vegetable fats and oils – Preparation of test sample	Identical with ISO 661 : 2003

The Technical Committee has reviewed the provisions of the following International Standard referred in the adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 3696	Water for analytical laboratory use — Specification and test method

In reporting the results of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

‘FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 12228-1:2014.

Note: The technical content of the document has not been enclosed as these are identical with the corresponding ISO Standard. For obtaining copy of the complete ISO Standard, please contact:

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